2

5

Department of Commerce Patent and Trademark Office Atty. Docke Application No

Filing Date

April 14, 2006

10/575.882

Group

1632

P29677 Applicant Siegfried ANSORGE et al.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

									U.S. PATEN	IT DOCUMENTS				400	ARK OF
EXAMINER INITIAL		DOCUMENT NUMBER					BER		DATE	NAME CLASS		SUBCLASS		FILING DATE IF APPROPRIATE	
	2005 /	0	0	1	4	6	9	9	01/20/05	ANSORGE et al.					
	2006 /	0	2	1	1	6	0	2	09/21/06	ANSORGE et al.					
	2004 /	0	1	4	7	4	3	4	07/29/04	ANSORGE et al.					
	2005 /	0	1	1	3	3	1	0	05/26/05	STRIGGOW et al.					
	2004 /	0	1	3	2	6	3	9	07/08/04	ANSORGE et al.					
	2002 /	0	1	9	8	2	0	5	12/26/02	HIMMELSBACH et al.					
	2004 /	0	1	3	8	2	1	4	07/15/04	HIMMELSBACH et al.					
	2006 /	0	0	4	0	8	5	0	02/23/06	ANSORGE et al.					
	2005 /	0	0	7	0	4	8	2	03/31/05	BACHOVCHIN					
	2005/	0	0	0	4	2	o	5	01/06/05	EVANS et al.					
									FOREIGN PAT	TENT DOCUMENTS					
													SUB	TRANSL	ATION
		DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SS	YES	N			
	0	1	1	8	9	5	6	9	11/29/01	W.I.P.O.					
	02	1	0	5	3	1	7	0	07/11/02	W.I.P.O.					
	2004	7	0	0	4	7	5	0	01/15/04	W.I.P.O.					
	02	1	0	5	3	1	6	9	07/11/02	W.I.P.O.					
	1	0	3	3	7	0	7	4	03/17/05	GERMANY			UTI		-
	1	0	3	3	0	8	4	2	02/10/05	GERMANY					
	03	1	0	7	7	. 9	3	5	09/25/03	W.I.P.O.					
			2	9	6	0	7	5	11/21/91	GERMANY DEMOCRATION	REPUBLI	С			
	1	0	1	5	5	0	9	3	06/12/03	GERMANY					
	03	1	0	4	5	9	7	7	06/05/03	W.I.P.O.					
	2004	1	0	4	1	8	2	0	05/21/04	W.I.P.O.					
	03	1	0	3	5	0	6	7.	05/01/03	W.I.P.O.					
				0	THE	R DO	CUM	ENT	S (Including A	uthor, Title, Date, Pertinent	Pages, Et	c.)			

Database Beilstein XP-002320599, database accession no. 7444296, Chemical Name actinonin. 1

Abstract of ECKSTEIN Z. et al. "The fungistatic activity of 3,4-dichlorophenoxyacethydroxamic acid 3 on pathogenic fungi in vitro" Bull. acad. polon. sci. ser. sci., chim., geol. et geopraph., 1958, (6), pp. 235-238 (abstract retrieved from STN). Abstract of ALK'EWICZ J. et al. "Fungistatic activity of some hydroxamic acids" Nature, vol. 180, 4 1957, pp. 1204-1205 (abstract retrieved from STN).

Database Beilstein XP-002320600, database accession no. 2121406, and references cited therein.

LENDECKEL U. et al. "Role of alanyl aminopeptidase in growth and function of human T cells (Review)", International Journal of Molecular Medicine, vol. 4, 1999, pp. 17-27. /Shengiun Wang/ DATE CONSIDERED 09/28/2009 EXAMINER

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

P29677.P05			3					
FORM PTO-1449		Department of Commerce Patent and Trademark Office	Atty. Docker.	Sheet 2 of Application No. 10/575.882				
		IATION DISCLOSURE STATEMENT BY APPLICANT se several sheets if necessary)	Applicant Siegfried ANSORGE et al. Filing Date	Group 1632				
		OTHER DOCUMENTS (Including Author, Title,	April 14, 2006	1032				
	6	KONTOYIANNIS D. P. et al. "Aminopeptidase N p. 1558.		Lancet, vol. 361, 2003,				
	7	FOURNIÉ-ZALUSKI et al. "New Selective Amine J. Langner and S. Ansorge, "Ectopeptidase", Klu	opeptidase N Inhibtors as Puwer Academic/Plenum Pub	otential Therapeutics" in lisher, 2002, pp. 51-94.				
	8	KOMODA M. et al. "Specific Inhibitor of Puromycin-Sensitive Aminopeptidase with a Homophthalimide Skeleton: Identification of the Target Molecule and a Structure-Activity Relationship Study', Bioorganic & Medicinal Chemistry, vol. 9, 2001, pp. 121-131.						
	9	HASHIMOTO Y. "Structural Development of Biological Response Modifiers Based on Thalidomide" Bioorganic & Medicinal Chemistry, vol. 10, 2002, pp. 461-479.						
	10	BARRETT A. J. et al. Membrane "Alanyl aminopeptidase" and "Aminopeptidase PS" in "Handbook of Proteolytic Enzymes", Academic Press, 1998.						
	11	U.S. Patent Application No. 10/575,883 to ANSORGE et al. filed April 14, 2006 and entitled "NOVEL DIPEPTIDYL PEPTIDASE IV INHIBITORS USED FOR FUNCTIONALLY INFLUENCING DIFFERENT CELLS AND TREATING IMMUNOLOGICAL, INFLAMMATORY, NEURONAL, AND OTHER DISEASES".						
	12	U.S. Patent Application No. 10/575,878 to ANSORGE et al. filed April 14, 2006 and entitled "DUAL ALANYL AMINOPEPTIDASE AND DIPEPTIDYL PEPTIDASE IV INHIBITORS FOR FUNCTIONALLY INFLUENCING DIFFERENT CELLS AND FOR TREATING IMMUNOLOGICAL, INFLAMMATORY, NEURONAL AND OTHER DISEASES.						
	13	BUGNI T. et al. "p-Sulfooxyphenylpyruvic acid from the red macro alga Ceratodictyon spongiosum and its sponge symbiont Haliclona cymaeformis", Phytochemistry, vol. 60, no. 4, 2002, pp. 361-363.						
	14	OGATA M. et al. "Synthesis and Antifungal Activity of a Series of Novel 1,2-Disubstituted Propenones", Journal of Medicinal Chemistry, vol. 30, 1987, pp. 1497-1502.						
	15	BOGER D. L. et al. "Non-Amide-Based Combinatorial Libraries Derived from N-Boc-Iminodiacetic Acid: Solution-Phase Synthesis of Piperazinone Libraries with Activity Against LEF-1/β-Catenin-Mediated Transcription," Helvetica Chimica Acta, vol. 82, 2000, pp. 1825-1845.						
	16	MITTAL S. et al. "Structure-Activity Relationship of Estrogens: Receptor Affinity and Estrogen Antagonist Activity of Certain (E)- and (2)-1,2,3-Triaryl-2-propen-1-ones", Journal of Medicinal Chemistry, vol. 28, 1985, pp. 492-497.						
	17	CUSHMAN M. et al. "Synthesis and Evaluation of Analogues of (Z)-1-(4-Methoxyphenyl)-2-(3,4,5- trimethoxyphenyl)ethene as Potential Cytotoxic and Antimitotic Agents", Journal of Medicinal Chemistry, vol. 35, 1992, pp. 2293-2306.						
	18	ASTLES P. C. et al. "Selective Endothelin A F Activity Relationships of Stilbene Acid and Alcoh 41, 1998, pp. 2745-2753.	Receptor Antagonists. 4. Di ol Derivatives", Journal of M	scovery and Structure- ledicinal Chemistry, vol.				

EXAMINER /Shengjun Wang/

PEXAMINER: Initial if clation considered, whether or not clation is in conformance with MPEP 609; draw line through clation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Medicinal Chemistry, vol. 36, 1993, pp. 3871-3883.

MEANWELL N. A. et al. "Nonprostanoid Prostacyclin Mimetics. 4. Derivatives of 2-[3-[2-(4,5-Diphenyl-2-oxazolyl)ethyl]phenoxy]acetic Acid Substituted α to the Oxazole Ring", Journal of

AUGUSTYNS K. et al "The Unique Properties of Dipeptidyl-peptidase IV (DPP IV / CD26) and the Therapeutic Potential of DPP IV Inhibitors", Current Medicinal Chemistry, vol. 6, no. 4, 1999, pp

CHEN T. et al. "Dipeptidyl Peptidase IV Gene Family", Adv. Exp. Med. Biol., vol. 524, 2003, pp 79-

19

20

311-327.

			A	1 A 18-18 AT
FORM PTO-1	449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P29677	Application No. 10/575,882
IN	FORM	ATION DISCLOSURE STATEMENT	Applicant Siegfried ANSORGE et al.	
	(Us	BY APPLICANT se several sheets if necessary)	Filing Date April 14, 2006	Group 1632
		OTHER DOCUMENTS (Including Author, Title,	Date, Pertinent Pages, Etc.)	
	22	DUKE-COHAN J.S. et al. "Serum High Molecul to a Novel Antigen DPPT-L Released from Activ 1996, pp. 1714-1721.		
	23	KÄHNE T. et al. "Dipeptidyl peptidase IV: A o growth (Review)", International Journal of Molec		
	24	DE MEESTER I. et al. "Dipeptidyl Peptidase IV pp. 3-17.	Substrates", Adv. Exp. Me	d. Biol., vol. 524 (2002),
	25	EVANS D. M. "Dipeptidyl Peptidase IV Inhibitors	s", IDrugs, vol. 5, no. 6, 2002	2, pp. 577-585.
	26	English language Abstract of DE 103 30 842		
			1000 000 100 111110	
			· · · · · · · · · · · · · · · · · · ·	
		_		
				*
		/Shengjun Wang/ DA*	TE CONSIDERED 09/2	28/2009